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-	ACC NR: AP6015679 (A) SOURCE CODE: UR/0413/66/000/009/0010/0010/0010/0010/0010/001							
	INVENTOR: Korolev, G. V.; Smirnov, B. R.; Yarkina, V. V.; Berlin, A. A.	÷						
	ORG: none							
	TITLE: Preparation of formulations which can be polymerized when exposed to light. Class 33, No. 181300							
:	SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 78							
	TOPIC TAGS: photopolymerization, polymerization							
ABSTRACT: This Author Certificate introduces a method of preparing formulating suitable for photopolymerization. The formulations contain a polymer base, a compound that can be polymerized and a polymerization initiator. To stabilize the material and to plasticize it temporarily during processing, the compound contains the contains th								
	in its chain groups is suggested as suitable for polymortality [Translation]							
	SUB CODE: 11/ SUBM DATE: 25Feb65/							
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I. 09253-67 EMT(m)/EWP(j) IJP(c) NM/WM SOURCE CODE: UR/0413/66/000/015/0086/0087 ACC NR. AP6029910 (A) SOURCE CODE: UR/0413/66/000/015/0086/0087 INVENTORS: Bass, S. I.; Borlin, A. A.; Yarkina, V. V.; Sbinar, L. A.
ORG: none
TITLE: A method for imparting heat resistance to hardened phonolaldehydride resins.
TITLE: A motified for purpose and a series are a series and a series and a series and a series and a series a
Class 39, No. 184431
SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 86-87
Soulder labeled product resistant plastic
TOPIC TACS: thermal stability, thermal process, resin, heat resistant plastic
ABSTRACT: This Author Certificate presents a method for imparting heat resistant and the state of them (prior to hardened phenolaldehydride resins. This is accomplished by adding to them (prior to hardened phenolaldehydride capable of interlinking and containing 10 ¹⁶ — their hardening) stabilizing compounds capable of interlinking and containing 10 ¹⁶ — their hardening) stabilizing compounds capable of interlinking and containing 10 ¹⁶ — their hardening) paramagnetic particles per gram. To produce high-temperature stabilization (at temperatures on the order of 400C), polyphenyl acetylene or hardened phenolaldehydride temperatures on the order of 400C), polyphenyl acetylene or hardened phenolaldehydride temperatures on the order of 400C), polyphenyl acetylene or hardened phenolaldehydride temperatures on the order of 400C), polyphenyl acetylene or hardened phenolaldehydride temperatures on the order of 400C), polyphenyl acetylene or hardened phenolaldehydride temperatures on the order of 400C) in an atmosphere of an inert gas or in a vacuum) are used as stabilizers.
SUB CODE: 11/ SUBM DATE: 13Feb65
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AFRIKYAN, A.N.; YARKINA, Ye.P.

Isolation of oil-reservoir rocks in carbonate sediments based on the materials of geophysical study of wells. Trudy VNIING no.1:179-190 '62. (MIRA 16:10)

AFRIKYAN, A.N.; YARKINA, Ye.P.

Isolation of karst zones by industrial and field geophysical methods in sections of Volgograd Province. Geol.nefti i gaza 6 no.4:55-58 Ap 162. (MIRA 15:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akademika Gubkina i Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti. (Volgograd Province---Karst)

YARKOV, A.

Automobile plant workers aid collective farms and machine-tractor stations. Sel'.stroi. 10 no.2:12 F 155. (MIRA 8:4)

 Glavnyy mekhanik avtozavoda im. Stalina, predsedatel' shefskoy komissii.
 (Collective farms)

TARASOV, Vladimir Mikhaylovich; YARKOV, A.M., inzh., retsenzent; KOSOROTOV, B.V., inzh., red.; GARANKINA, S.P., red. izd-va; EL'KIND, V.D., tekhn. red.

[Air-piston compressors; manual] Vozdushnye porshnevye kompressory; spravochnoe posobie. Moskva, Mashgiz, 1962. 157 p. (MIRA 15:7)

(Air compressors) (Automatic control)

YAKOVLEV, Vasiliy Nikolayevich; YARKOV, A.M., inzh., red.; IVANOVA, K.N., inzh., red. izd-va; SPIRNOVA, G.V., tekhm. red.

[Repairing equipment of machinery plants]Remont oborudovaniia mashinostroitel'nykh zavodov; spravochnoe posobie. Moskva, Mashgiz, 1962. 292 p. (MIRA 15:9) (Industrial equipment—Maintenance and repair)

RASKATOV, V.M., inzh.; KOKHTEV, A.A.; LELYANOV, V.A.; BESSONOVA, N.F.; VETS, D.A.; KARABANOVA, L.T.; SILANT'YEV, M.G.; SITNICHENKO, A.I.[deceased]; CHYENKOV, V.S.; YARKOV, A.M., inzh., retsenzent; GARANKINA, S.P., red.1zdeva; TIKHANOV, A.Ya., tekhn. red.

[Brief handbook on materials used in the machinery industry] Kratkii sprayochnik po mashinostroitel'nym materialam. Pod obshchey red. V.M.Raskatova. Moskva, Moskgiz, 1963. 440 p. (MIRA 16:7)

(Materials)

REYHGOL'D, Ye.G.; YARKOV, A.M., inzh., retsenzent

[Coordinate points on a circle; reference tables] Koordinaty tochek okruzhnosti; spravochnye tablitsy. Moskva, Mashinostrochie, 1964. 115 p. (MIRA 17:8)

CHERNAVSKIY, G.N., kand. tekhn. nauk, dots. [deceased]; YARKOV, A.M., inzh., retsenzent; KUNIN, P.A., inzh., red.

[Fundamentals of an efficient use of automatic and semiautomatic lathes; machining ring and bushing type parts] Osnovy ratsional'nogo ispol'zovaniia tokarnykh avtomatov i poluavtomatov; obrabotka detalei tipa kolets i vtulok. Moskva, Izd-vo "Mashinostroenie," 1964. 214 p. (MIRA 17:7)

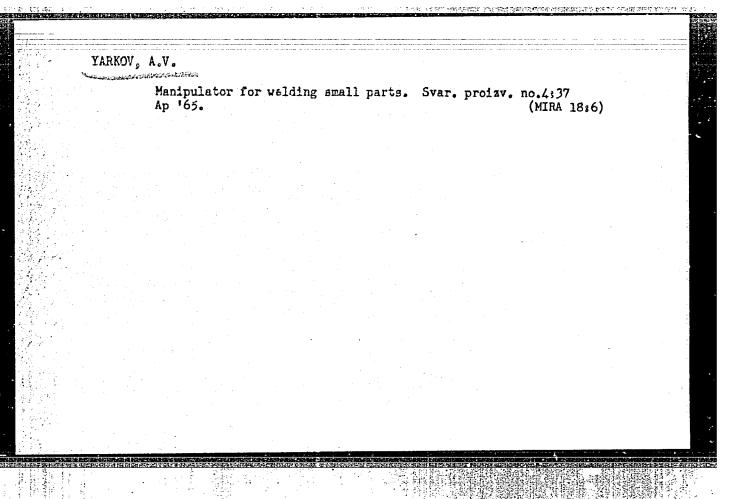
VOLCHKEVICH, L.I.; USOV, B.A.; LEBEDEV, A.S., inzh., retsenzent; YARKOV, A.M., inzh., retsenzent; MALOV, A.N., prof., red.

[Automatic feed mechanisms] Avtooperatory. Moskva, Mashinostroenie, 1965. 142 p. (MIRA 18:12)

COL'DIN, M.M.; ZUYEV, V.D.: PINUS, L.A.: PONOMADEN. V.F.; CHERNYSHEV, V.Ye.; LIKHIN, N.I., inzh., retsenzent; YARKOV, A.M., inzh., red.

[Adjustment and operation of nutomatic lines composed of standard units; a handbook] Naladka i ekspluatatsiia avtomaticheskikh linii iz normalizovannykh uzlov; spravochnos posobie. Moskva, Mashinostroenie, 1965. 443 p.

(NIRA 18:10)



YARKOV, A.V.

Attachment to the ADK-500 automatic welding machine for the welding of small diameter parts. Svar. proizv. no.10:38 0 (MIRA 16:11)

1. Kurganskiy mashinostroitel'nyy zavod.

YARKOV, A.V.

A waste-gas-heated drying apparatus for welding electrodes. Svar. proizv. no.9:40 S 165. (MIRA 18:9)

1. Kurganskiy zavod khimicheskogo mashinostroyeniya.

YARKOV, Dmitriy Mikhaylovich

[Credit for collective farms] Proizvodstvennce kreditovanie kolkhozov.

Moskva, Gos. izd-vo selkhoz lit-ry, 1956. 79 p. (MLRA 9:12)

(Collective farming—Finance)

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giz, 1957 294 P.	Tables.								
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ALEKSANDROV, Yu.; PILIPUSHKO, I.; VOLCHENKO, V.; SENDEROV, I.; LIMARENKOV, I.; YARKOV, G.; YEMTSEV, I.; KUKHAREV, N.; SHCHEKOTOVICH, P.; BOBOVICH, V.; CHEREPANOV, G.

They are raising the level of their qualifications. Zashch.rast. ot vred.i bol. 7 no.5:61 My *62. (MIRA 15:11) (Plants, Protection of—Study and teaching)

DAV IDENKOV, N.N.; YARKOV, V.A.

Brittle failure due to biaxial compression. Zhur.tekh.fiz. 25 no.12:2200-2202 0 '55. (MLRA 9:1)

(Gypsum) (Strains and stresses)

S/187/60/000/001/003/003 A189/A026

6,6000

Yarkov, V.A.

AUTHOR:

PTU-5 Underwater Television Unit

PERIODICAL: Tekhnika kino i televideniya, 1960, No. 1, pp. 44 - 48

TEXT: The author describes the NTY -5 (PTU-5) underwater closed-circuit television unit, which was displayed at the 1958 World Exhibition in Brussels. It consists of the following 5 separate units interlinked by cables: 1) Bathyshere containing a Mu-17 (LI-17) camera tube, focussing and deflecting system, preamplifier assembled on four 6055 (62H5B) tubes, and a power source for the camera tube. Size without illuminators: 745 mm long, 222 mm in diameter; weight in water -0 + 1 kg. 2) Control and pulse forming unit containing video amplifier, compensating signal generator, video monitor with 13AK25 (13LK2B) kinescope, and a control panel. Size: 179 x 328 x 418 mm; weight - 14 kg. 3) Power supply unit size: 179 x 328 x 418 mm; weight - 18 kg. 4) Switching unit serves for supply-size: 179 x 328 x 418 mm; weight - 18 kg. 4) Switching unit serves for supply-size: 179 x 328 x 418 mm; weight - 18 kg. 4) Switching unit serves for supply-size: 179 x 328 x 418 mm; weight - 18 kg. 4) Switching unit serves for supply-size: 179 x 328 x 418 mm; weight - 18 kg. 4) Switching unit serves for supply-size: 179 x 328 x 418 mm; weight - 18 kg. 5) Additional video monitor assembled on 35AK25 (35LK2B) given; weight - 8 kg. 5) Additional video monitor assembled on 35AK25 (35LK2B) kinescope; size and weight are not given. The purpose of this additional video

Card 1/2

PTU-5 Underwater Television Unit

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monitor is to permit the simultaneous observation of the image by several observers. The camera tube uses interlaced scanning; 625 lines; 25 frames per sec.; 4×3 picture aspect ratio (width toheight). Power supply - 220 volts, +5%, 50 cps. The unit was successfully tested in underwater operation in 1958. There are 7 photographs.

Card 2/2

YARKOV, V. N., BOGOMOLOV, K. S., and DOBROSERDOVA, E. P.

"Investigation of the Electron Sensitivity of Photographic Emulsions." paper given at the International Conference on Scientific Photography, Cologne, 24-27, Sep 1956

E-3,068,138

YARKOV, V. N. and DOBROSERDOVA, Ye. P.

"Electromicroscopical Investigation of the Crystallization of Silver Halide During Photographic Emulsion Making," a paper presented at the International Conference on Scientific Photography, Cologne, 24-27 Sep 1956

E-3072367

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DORROGENEOVA, Ye. P., and DOCOMOROV, K. S.

"Investigation of the electron sensitivity of photographic emulsions," a paper submitted at the International Conference of Scientific Photography, Cologne, FRG, 24-27 Sep 56.

YARKOV, Vyacheslav Vyacheslavovich; OSINTSEV, A.S., prof., doktor ekon. nauk, retsenzent; CHAPAYKINA, F.K., red. izd-va; MATLYUK, R.M., tekhn. red.

[Learn to manage]Uchis' khoziaistvovat'. Sverdlovsk, Metallurgizdat, 1961. 43 p. (MIRA 15:9) (Steel industry-Management) (Industrial management)

YARKOV, Uyacheslav Uyachealavovich; BARKAS, V.M., red.izd-va;
GINZBURG, R.Ya., tekhn. red.

[Learn to manage] Uchis' khoziaistvovat'. Izd.2., perer. i
dop. Moskva, Metallurgizdat, 1963. 57 p. (MIRA 16:12)
(Russia—Economic policy)
(Steel industry—Management)

YARKOV, Vyacheslavovich; KOVALEVSKIY, M.A., red.izd-va; EN YAKOVA, G.M., tekhn. red.

[Establishment of work norms and wages] Normirovanie truda i zarabotnaia plata. Izd.2., perer. i dop. Moskva, Metallurgizdat, 1963. 64 p. (MIRA 17:1)

YARKOVA, A.S., aspirantka

Comparative effectiveness of fattening young swine of the Large White breed to various live weights. Izv. TSKHA no.3:112-117 '62. (MIRA 15:9)

1. Nauchnyy rukovoditel' professor A.P. Red'kin. (Swine-Feeding and feeds)

TRAPEZNIKOV, A.I.; CHUKIN, S.A.; BEDRIN, V.A.; KOZYREV, D.I.; BUTOVSKAYA, A.P.; YARKOVA, D.A.

Automation and mechanization of auxiliary operations in metalworking. Prom. energ. 17 no.11:10-11 N '62. (MIRA 15:12) (Metalworking machinery)

KATAYEV, Ye.G.; TANTASHEVA, F.R.; YARKOVA, E.G.

Reaction of triethyl phosphite with 3-bromovinyl sulfones. Zhur. ob. khim. 35 no.4:759 Ap '65.

(MIRA 18:5)

1. Kazarskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

ARBUZOV, B.A.; BUTENKO, G.G.; YARKOVA, E.G.

Reaction of dibenzylphosphinic acid with formic acid esters. Izv. AN SSSR. Ser. khim. no.6:1085-1088 '65.

(MIRA 18:6)

1. Kazanskiy gosudarstvennyy universitet imeni Uliyanova-Lenina.

YARKOV, Sergey Petrovich, prof. [deceased]; prinimali uchastiye:
GRECHIN, I.P., kand. sel'khoz. nauk, dotsent; KAURICHEV, I.S.,
kand. sel'khoz. nauk, dotsent; KULAKOV, Ye.V., st. nauchnyy
sotrudnik; YARKOVA, M.A., pochvoved; TYURIN. I.V.. akademik,
otv. red.; PAVLOV, A.N., red. izd-va; YEGOROVA, N.F., tekhn.
red.

[Soils of the forest-mesdow zone of the U.S.S.R.] Pochvy lesolugovoi zony SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 317 p. (MIRA 14:5)

1. Kafedra pochvovedeniya Moskovskoy Ordena Lenina Sel'skokhozyaystvonnoy Akademii im. K.A. Timiryazeva (for Grechin, Kaurichev) 2. Pochvenno-agronomichaskiy muzey im. ".R. Vil'yamso (for Kulakov)

(Soils)

ZAKHARYAN, V.M., inzh.; YAERWA, H.D., inzh.

Simplified mathodology for the conversion of universal electric motors. Elektrotekhnika 35 no.5249-52 Ny 64 (MRA 17:8)

YARKOVA, V.M.

Rare case of fog formation. Meteor. i gidrol. no.2:32-33 F '66.
(MIRA 19:1)

1. Novosibirskiy aviameteorologicheskiy tsentr. Submitted
April 14, 1965.

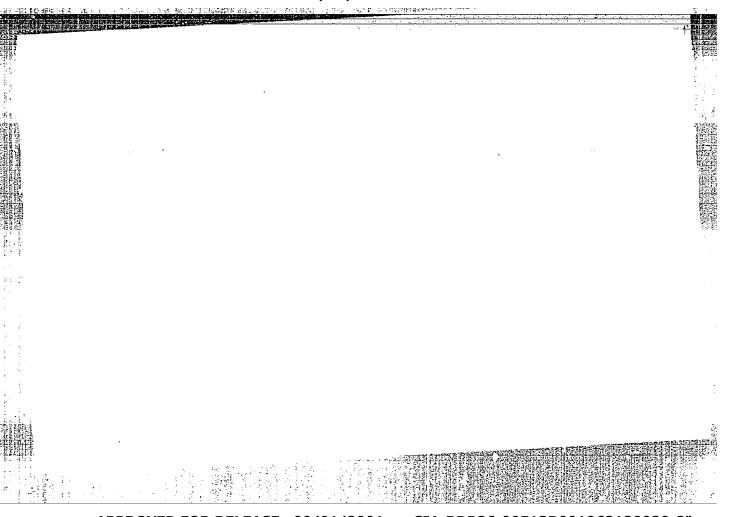
YARKOVETH, A.I.

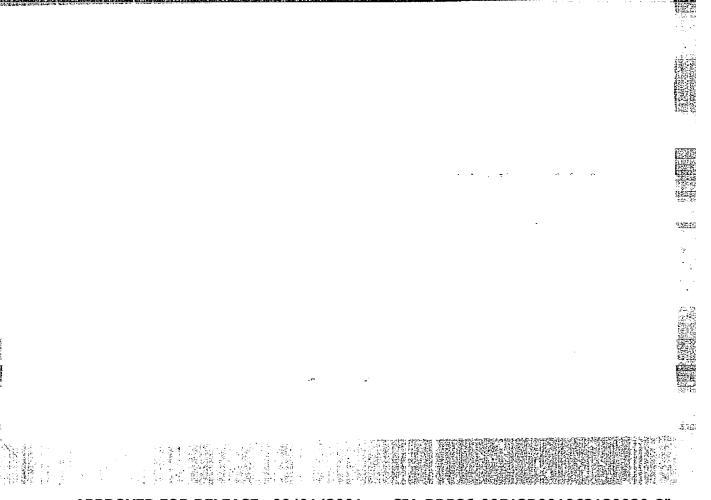
Effect of the tightening pressure on the strength of tolt joints.

Izv. vys. ucheb. zav.; av. tekh. 8 no.1:149-155 '65.

(MIRA 18:3)

YARKOVETS, A. I., Cand. Tech. Sci. (diss) "Investigation of Effect of Technological Factors on Quality of Bolted Connections Used in Designs of Airplanes," Moscow, 1931, 16 pp. (Moscow Aviation Inst.) 200 copies (KL Supp 12-61, 278).





YARKOVETS, M. 1.

YARKOVETS, M. 1. -- "The Problem of Arrhythmia in "hildren." Cand Med Sci, Second Moscow Medical Inst imeni 1. V. Stalin, 25 Jan 54. (Meditsinskiy Habotnik, 8 Jan 5h)

so: sum 168, 22 July 1954

YARKOVICH, Svyatoslav [IArkovich, Sviataslau], inzh.

Once again she followed Gaganova's example. Rab.i sial. 38 no.1:9-10 Ja 162. (MIRA 15:4)

1. Zavod shveynykh mashin, g. Orsha. (Orsha. Sewing machines)

YARKOVICH, S.

In the village of Pashino. Rab. 1 sial. 39 no.2:5 F '63.

(MIRA 16:4)

1. Sekretar' partiynogo byuro, agronom-ekonomist kolkhoma
"Kamintern," Orshanskogo rayona.

(Orsha District—Flax)

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approximation from solutions of the differential equations conjugate to the equations of motion, and with the aid of that integral the equations of motion are reduced to a set of nonlinear differential equations that, at least under some conditions, are tractable. In the present paper all proofs, as well as the motivations for some of the assumptions, are omitted, reference being made to the preprint cited above and to other papers of the author. The x-linear approximation imposes no limitations on the time dependence of the external field and does not involve linearization of the kinetic equation. The resulting theory is a kinetic theory, rather than a several-component hydrodynamic theory, in the sense that at each point there is a continuous distribution of momenta. The stress tensor vanishes only on the boundary of the particle beam, and the theory accordingly permits calculation of the motion of the boundary. The final equations can be simplified in certain special cases that are discussed very briefly; in the case of an adiabatic process the equations reduce to a set of algebraic equations. The calculation technique can be generalized to the case of an azimuthally nonuniform charged particle ring; it was the author's intention to present such a generalization in the near future. The author thanks V, I, Veksler, Ya.B. Faynberg, and E.A. Perel'shteyn for their interest in the work and for discussions. Orig. art. has:

SUB CODE: 20,12/

SUBM DATES Oljun65/

ORIG.REF: 004/ OTH REF: 001/

Card 2/220

YARKOVOY, O.I.

[Steady state of an axially symmetrical system of charged particles] O statsionarnom sostoianii aksial'no-simmetrichnoi sistemy zariazhennykh chastits. Dubna, Obmedinennyi in-t iadernykh issledovanii, 1962. 10 p. (MIRA 15:2) (Particles (Nuclear physics)) (Quantum theory)

YARKOVOY, O.I.

Steady state of an axially symmetric system of charged particles.

Zhur. tekh. fiz. 32 no.1.:1285-1290 N '62. (MIRA 15:11)

(Particles (Nuclear physics))

 24.6710

S/057/62/032/011/001/014 B104/B102

AUTHOR:

Yarkovoy, 0. I.

TITLE:

The stationary state of an axisymmetric system of charged

particles

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, v. 32, no. 11, 1962, 1285-1290

TEXT: A self-consistent collisionfree and axisymmetric system of charged particles is investigated. It is shown in the introduction that the general solution to the kinetic equation of this system is given by $\{fH\} = 0$, where f is a distribution function depending on the two integrals H and M_O of the equations of motion

 $f = \frac{c^{2}\kappa}{8\pi^{2}e^{2}} \delta(H - H_{0}) \delta(M_{0} - M_{0}), \qquad (8).$

The self-consistent field is determined by:

$$\Delta \varphi = -4\pi \rho,$$

$$\operatorname{rotrot} \mathbf{A} = \frac{4\pi}{a} \mathbf{j},$$
(6)

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The stationary state of an ..

$$\rho = e \int f dV_{j} = \rho(\mathbf{r}, \varphi, \mathbf{A}, \dots),$$

$$\mathbf{j} = e \int \mathbf{v} f dV_{j} = \mathbf{j}(\mathbf{r}, \varphi, \mathbf{A}, \dots).$$
(7),

where $\mathrm{d}V_{\mathrm{p}}$ is the volume element in the momentum space. In states with fixed energy and generalized momentum the charge density is given by

$$\rho = \frac{c^{2}\pi}{8\pi^{2}e} \int \delta(H - H_{0}) \delta(M_{0} - M_{0}) \frac{dM_{0}dP_{r}dP_{s}}{r} = \frac{c^{2}\pi}{4\pi er} \int_{0}^{\infty} \delta(H - H_{0}) p_{1}dp_{1} =$$

$$= \frac{\pi}{4\pi er} \int_{eq+\sqrt{\frac{c^{2}}{m^{2}e^{4}+\frac{c^{4}}{r^{4}}(M_{e}-\frac{e}{e}rA_{0})^{2}}} \delta(H - H_{0})[H - e\varphi] dH =$$

$$= \frac{\pi}{4\pi er} (H_{0} - e\varphi) \sigma \left[(H_{0} - e\varphi)^{2} - m^{2}c^{4} - \frac{c^{2}}{r^{2}} (M_{0} - \frac{e}{e}rA_{0})^{2} \right],$$

$$\sigma[x] = \begin{cases} 1 & \text{при } x > 0 \\ 0 & \text{при } x < 0. \end{cases}$$
(10)

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and the current density by

$$j_{0} = \frac{c^{2}\pi}{8\pi^{2}e} \int \left(\frac{M_{0}}{r} - \frac{e}{c}A_{0}\right) \frac{c^{2}}{H - e\gamma} \delta(H - H_{0}) \delta(M_{0} - M_{0}) \frac{dM_{1}dP_{r}dP_{e}}{r} =$$

$$= \frac{c^{2}\pi}{4\pi er} \int_{e\gamma + \sqrt{m^{2}e^{4} + \frac{e^{2}}{r^{2}} \left(M_{0} - \frac{e}{c}A_{0}\right)^{2}}} \left(\frac{M_{0}}{r} - \frac{e}{c}A_{0}\right) \delta(H - H_{0}) dH =$$

$$= \frac{\pi c^{2}\pi}{4\pi er} \left(\frac{M_{0}}{r} - \frac{e}{c}A_{0}\right) \sigma \left[(H_{0} - e\gamma)^{2} - m^{2}c^{4} - \frac{c^{3}}{r^{2}} \left(M_{0} - \frac{e}{c}rA_{0}\right)^{2}\right].$$
(11)

where $\vec{j} = (0, j_0, 0)$. For the region S, which is free from external charges and currents, the system (6) has the form

$$\frac{1}{r}\frac{\partial}{\partial r}\left(r\frac{\partial \varphi}{\partial r}\right) + \frac{\partial^{2}\varphi}{\partial z^{2}} = -\frac{\kappa}{er}\left(H_{0} - e\varphi\right)\sigma,$$

$$\frac{1}{r}\frac{\partial}{\partial r}\left(r\frac{\partial A_{0}}{\partial r}\right) - \frac{A_{0}}{r^{2}} + \frac{\partial^{2}A_{0}}{\partial z^{2}} = -\frac{\kappa c}{er}\left(\frac{M_{0}}{r} - \frac{e}{\sigma}A_{0}\right)\sigma.$$
(12).

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As regards the region S of the self-consistent field in the (r,z) plane, which can include particles of the system, the field φ and the individual components A_{Θ} of A are expressible as

 $\varphi = \varphi_c + \varphi_e$; $A_\theta = A_{\theta c} + A_{\theta e}$ and the equations (6) take the form

 $\frac{1}{r}\frac{\partial}{\partial r}\left(r\frac{\partial E}{\partial r}\right) - \frac{\pi}{r}E + \frac{\partial^2 E}{\partial z^2} = 0,$ $\frac{1}{r}\frac{\partial}{\partial r}\left(r\frac{\partial p_0}{\partial r}\right) - \left(\frac{\pi}{r} + \frac{1}{r^2}\right)p_0 + \frac{\partial^2 p_0}{\partial z^2} = 0.$ (18).

Here φ_c and $A_{\Theta c}$ belong to the internal field of the system and φ_e and $A_{\Theta e}$ to the external field. Also,

$$\varphi_{e} = \int G_{\varphi}(r, r', z, z') \, \rho(r', z') \, r' dr' dz',
A_{1e} = \frac{1}{e} \int G_{A}(r, r', z, z') \, j_{1}(r', z') \, r' dr' dz',$$
(14)

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The stationary state of an ...

$$G_{\gamma} = \int_{0}^{2\pi} \frac{d\theta}{\sqrt{r^{2} + r'^{2} - 2rr'\cos\theta + (z - z')^{2}}},$$

$$G_{\lambda} = \int_{0}^{2\pi} \frac{\cos\theta d\theta}{\sqrt{r^{2} + r'^{2} - 2rr'\cos\theta + (z - z')^{2}}}.$$
(15)

$$H_0 - e\varphi = E,$$

$$\frac{M_0}{r} - \frac{\sigma}{\sigma} A_0 = p_0,$$
(16).

On account of its nonlinearity for given ψ_e and $\Lambda_{\Theta e}$ the system (18) is very difficult to solve, whereas the field equation (12) offers the possibility of a general solution. For the region S, (12) can be written in the form

$$E = -\frac{\pi}{4\pi} \int_{S} G_{q} E dr' dz' + H_{0} - \varepsilon \gamma_{s},$$

$$p_{0} = -\frac{\pi}{4\pi} \int_{S} G_{d} p_{0} dr' dz' + \frac{M_{0}}{r} - \frac{\varepsilon}{c} A_{0}.$$
(19).

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The stationary state of an ...

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An arbitrary particular solution of (12) is discussed. The boundaries of the region can be determined, and physical considerations require that ψ_e and $A_{\Theta e}$ should satisfy the homogeneous Maxwell equation in a certain domain \bar{S} (S $\subset \bar{S}$, S and \bar{S} have no common points). This requirement, however, is equivalent to demanding that φ and A_{Θ} should satisfy the homogeneous Maxwell equation in the region \bar{S} - S, which gives rise to an unusual situation in that a Cauchy problem exists for equations of the elliptic type. Even though no proof is known that a unique solution to this problem exists, the author shows that analytic solutions to the system (19) for the region surrounding the boundary of S are sufficient. In the absence of the corresponding mathematical theorem, however, these solutions cannot be analytically continued beyond the boundary of S.

SUBMITTED:

March 5, 1962

Card 6/6

YARKOVOY, V.S.; IVANOV, V.D.

Structure of the transition zone during the welding of dissimilar steels. Hetalloved. i term. obr. met. no. 6: 48-50 Je '64. (MIRA 17:7)

Czechoslovakia/Cosmochemistry. Geochemistry. Hydrochemistry.

Abs Jour

: Referat. Zhurnal Khimiya No 6, 1957, 18889

Author

Yarkovskiy, Kupcho.

Inst

TI tle

: On the Problem Concerning the Geochemistry of Micro-

elements, in particular of Vanadium.

Orig Pub

: Geol. Prace SAV. Zpravy, 1956, No 7, 101-108.

Abstract

: The results of the spectroscopical study of rocks, ores and minerals from various regions of Slovakia are briefly reported. According to 10 analyses, Si, Al, Mg, Ca, Fe, Na, K, Ti are present in the amount of 1 to 10%; Ba, Sr. Mn, Cr. V, Cu, Ni, Zn, Zr, B, Ge are present in the amount 0.01 to 1%, Pb, Sc, Co, Li, Sn, Ag, Mo Sb, Ga, J are present in the amount of 0.0001 to 0.01%. The later te hypothesis of origin is accepted with regard to the Moitin bauxites due to the presence of rare indicator elements in them. The high concentration of V (~0.1% of V₂O₅) in graphitic schists and asphalts corresponding to the general content of organic matter is recorded. Increased content of Ge in paleogenic coal is recorded.

Card 1/1

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KUDRYAVTSEV, N. T.; TYUTINA, K.M.; YARLYKOV, M.M.

Electrodeposition of the alloy tin-antimony. Trudy MKHTI no.26:120-127 159. (MIRA 13:9)

(Tin-antimony)

KRUGLIKOV, S.S.; VOROB'YEVA, G.F.; KUDRYAVTSEV, N.T.; YARLYKOV; M.M.; ANTONOV, A.Ia.

Mechanism of surface leveling in the electrodeposition of metals.

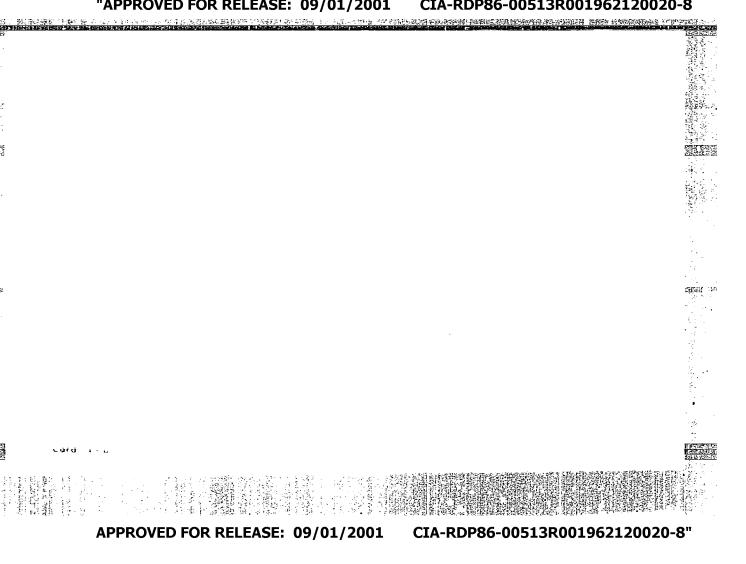
Dokl. AN SSSR 149 no.4:911-914 Ap '63. (MIRA 16:3)

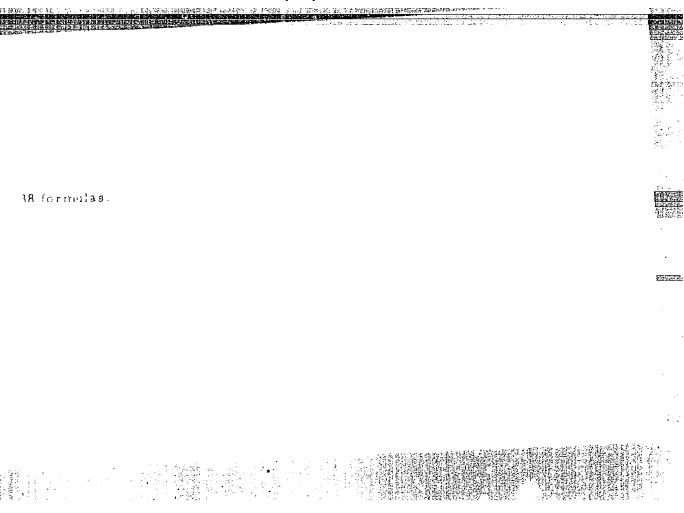
1. Moskovskiy khimiko-tekhnologicheskiy institut im. D.I.Mendeleyeva. Predstavleno akademikom A.N.Frumkinym. (Electroplating)

KUDRYAVISEV, N.T.; YARLYKOV, M.M.; MEL'NIKOVA, M.M.

Value of the PH cathode in the layer in electrolytes during electrodeposition of nickel and iron. Zhur. prikl. khim. 38 no.3:545-555 Mr 165. (MIRA 18:11)

1. Submitted March 9, 1963.





"APPROVED FOR RELEASE: 09/01/2001 CIA-

CIA-RDP86-00513R001962120020-8

YARLYKOV, S.A.

Early and later results of surgery for chronic tonsillitis in rheumatic fever patients. Vrach, delo no. 5:645-647 Jo '58 (KIRA 11:7)

1. Klinika bolezney ukha, gorla i nosa (zav. - prof. T.Ya. Abramov)

1. klinika gospital'noy terapii (zav. - prof. V.S. Nesterov) Voronezhskoi klinika gospital'noy terapii (zav. - prof. V.S. Nesterov) Voronezhskogo meditsinskogo instituta.

(TONSILIS-SURDERY)

(RHEUMATIC PEVER)

YARLYKOV, S.A.

Postoperative period in tonsillectomy in rheumatic fever patients.

(MIRA 13:5)
Sov.med. 24 no.1:53-56 Ja 160.

l. Iz kafedry bolezney ukha, gorla i nosa (zav. - prof. T.Ya. Abramov) i kafedry gospital noy terapii (zav. - prof. V.S. Mesterov) Voroneshskogo meditsinskogo instituta.

(TONSILECTOMY)
(RHEUMATIC HEART DISEASE surgery)

YARLYKOV, S. A., Cand Med Soi -- "Explosorby of tonsillectomy in patients"

afforbod with rheumatism and chronic tonsillitis." Voronezh, 1960 (Ivanovo
State Med Inst). (KL, 1-61, 212)

-455-

YARLYKOV, S.A.

Late results of tonsillatomy in patients with chronic tonsillitis and rheumatic fever. Zhur. ush., nos. i gorl. bol. 20 no.5:63-67 S-0 '60. (MIRA 14:6)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - prof. T.Ya.
Abramov) i kafedry gospital noy terapii (zav. - prof. V.S.Nesterqv)
Voronezhskogo meditsinskogo instituta.
(TONSILS.—DISEASES) (RHEUMATIC HEART DISEASE)

YARLYKOV, S.A.

Clinical aspects of foreign bodies in the respiratory tracts of children. Sov. med. 27 no.12:76-78 0 '64. (MIRA 18:11)

1. Klinika bolezney ukha, gorla i nosa (ispolnyayushchiy obyazannosti zaveduyushchego - kand. med. nauk S.A. Yarlykov) Voronezhskogo meditsinskogo instituta.

EWT(d)/EWT(1)/FCC/EMP(v)/EWP(k)/EWP(h)/EWP(1) GW SOURCE CODE: UR/0146/65/008/006/0127/0131 L 11806-66 ACC NR. AP6002183 AUTHOR: Gridin, A. S.; Yarlykova, T. A. ORG: Dept. of Special Optical Instruments, Leningrad Institute of Precision Mechanics and Optics (Kafedra spetsial'nykh opticheskikh priborov, Leningradskiy institut tochnoy mekhaniki i optiki) TITLE: Attenuation of optical radiation passing through a dust-laden atmosphere SOURCE: IVUZ. Priborostroyeniye, v. 8, no. 6, 1965, 127-131 TOPIC TAGS: light transmission, dust laden atmosphere ABSTRACT: It was found experimentally that coal dust largely consists of particles whose sizes considerably exceed the wavelengths of light. Hence, only the absorption and diffused reflection are taken into account in the present analysis of light transmission through a dust-laden atmosphere (formulas developed). The transmission factor of such an atmosphere was measured on a laboratory outfit where the coal dust was kept in suspension in a large pipe by blower-circulated air, and a beam of light from an incandescent lamp passing through the pipe was measured. The theoretical plot of transmission factor vs. coal-dust concentration comes very to the experimental. The results can be used in designing control systems which use a light beam in dust-laden amospheres (e.g., coal mines). Orig. art. has: 4 figures and 6 formulas. SUB CODE: 17 SUBM DATE: 04Jul64 / ORIG REF: 002/ ATD PRESS: 4/8 0 UDC: 535.345.3 Card 1/1

YARLYKOVA, Ye.1.; YEVSTIGNEYEVA, R.P.; LUZGINA, V.N.

Methodology of determining free protoporphyrins in erythrocytes. Lab. delo no. 11:649-650 '64. (MIRA 17:12)

1. Kafedra klinicheskoy laboratornoy diagnostiki (zaveduyushchiyprof. Ye.A.Kost) TSentral'nogo instituta usovershenstvovaniya
vrachey i kafedra khimii tonkikh organicheskikh soyedineniy
vrachey i kafedra khimii tonkikh organicheskikh soyedineniy
(zaveduyushchiy - prof. N.A.Preobrazhenskiy) Moskovskogo
(zaveduyushchiy - prof. N.A.Preobrazhenskiy) Moskovskogo
instituta tonkoy khimicheskoy tekhnologii im. M.V.Lomonosova.

YARLYKOVA, Ye.I.

Hemoglobin synthesis in ansmia. Trudy TSIU 77:85-89 '65.

(MIRA 18:9)

1. Kafedra laboratornoy klinicheskoy diagnostiki (may. prof.
Ye. A. Kost) TSentral'nogo instituta usovershenstvovaniya
vrachey.

YARM-GAYEVA, N. T., GALKINS, K. S., KOZLOVSKIY, V. S., LOYEVSKIY, M. L., ROVENSKAYA, N. M., SHUL'GA, M. I., SHCHERBAKOVA, U. I.

"Pneumoconicsis in workers engaged underground work in coal mines, and means of its proplylaxis."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

YARMAK, D.F., assistent

Arterial blood supply to the renal lobules in a comparative morphologic study; preliminary report. Sbor.nauch.trud.Vin.der. (MIRA 16:2) med.inst. 18 no.2:76-80 *58.

1. Kafedra normal'noy anatomii (zav. kafedroy doktor med.nauk, prof. V.G. Ukrainskiy) Vinnitskogo gosudarstvennogo meditsinskogo instituta.

(KIDNEYS—BLOOD SUPPLY)

YARMAK, D.F., assistent

Anatomy of the kidney in the whale. Shor.nauch.trud.Vin.der. med.inst. 18:72-75 58. (MIRA 16:2)

1. Kafedra normal'noy matomii (zav. kafedroy doktor med.nauk, prof. V.G. Ukrainskiy) Vinnitskogo gosudarstvenmogo meditsinskogo instituta.

(WHALES) (KIDNEYS)

YARMAK, G.A.

First finds of palsolithic tools in southern Kazakhstan. Yest. AN (MIRA 10:9) Kazakh. SSR 13 no.7:104-108 J1 57.

(Kara-Tau-Stone implements)

YARMAK, G.A., inzhener-geolog

First discovery of cave nitrogen-phosphate fertilizers in Kazakhstan. Sbor.nauch.trud.Kazakhstan-Guano)

(Kazakhstan-Guano)

(Kazakhstan-Fertilizers and manures)

YARMAK, G.A.

Dolomite depostis in the Lesser Kara-Tau. Izv. AN Kazakh. SSR. Ser. geol. no.2:98-101 60. (MIRA 13:8)

(Kara-Tau-Dolomite)

ANDRYUSHCHENKO, A.I., doktor tekhn. nauk; LAPSHOV, V.N., kand. tekhn. nauk; KURNOSOV, A.T., Inzh.; YARMAK, L.N., inzh.

Effectiveness of regenerative feed-water heating in waste-heat boilers. Teploenergetika 10 no.8:29-33 Ag *63. (MIRA 16:8)

1. Saratovskiy politekhnicheskiy institut. (Boilers)

YARMAK, L.N., inzh.

Efficitive system for utilizing the heat of continuous boiler acavenging. Sbor. nauch. soob. SPI no.17:105-110 62.

(MIRA 17:6)

SHUVALOV, M.A., inzh.; ZAKHAROVA, L.B., inzh.; YARMAK, L.N., inzh.

Regulation of the temperature of superheated steam by varying the intensity of the flame in a boiler operating on natural gas. Sbor. nauch. soob. SPI no.17:98-104 162.

(MIRA 17:6)

YARMAK, L.N., inzh.

Calculation of optimum distribution of gas velocities in the gas lines of waste-heat boilers. Izv. vys. ucheb. zav.; energ. 7 no. 9:36-42 S '64. (MIRA 17:11)

1. Saratovskiy politekhnicheskiy institut. Predstavlena kafedroy teploenergetiki.

IVANOV, K.I.; GOYEV, V.N.; USHKOV, N.N.; YARMAK, M.F.

Study of rock breaking in percussion drilling. Vzryv. delo no.46/3:
21-28 '61.

(Boring)

BELOV, A.I.; IVANOV, K.I.; KLOCOKO, N.A.; SIDOROV, S.P.; USHKOV, N.N.;
YARMAK, M.F.

Ways of improving bits for BA-100 air percussion drilling rigs.
Vzryv. delo no.46/3:232-238 '61. (MIRA 15:1)
(Boring machinery)

IVANOV, Konstantin Ivanovich; USHKOV, Nikolay Nikolayevich; YARMAK

Mikhail Fedorovich, GOYEV, Vadim Hikitich; TARASOV, L.Ta.,

OVV. red.; PARISEVSKIY, V.N., red.izd-va; SABITOV, A.,

tekhn. red.

[Boring holes in underground mining of ores] Burenie shpurov i skvazhin pri podzemnoi dobyche rud. Moskva, Gosgortekhizdat, 1963. 130 p. (MIRA 16:9)

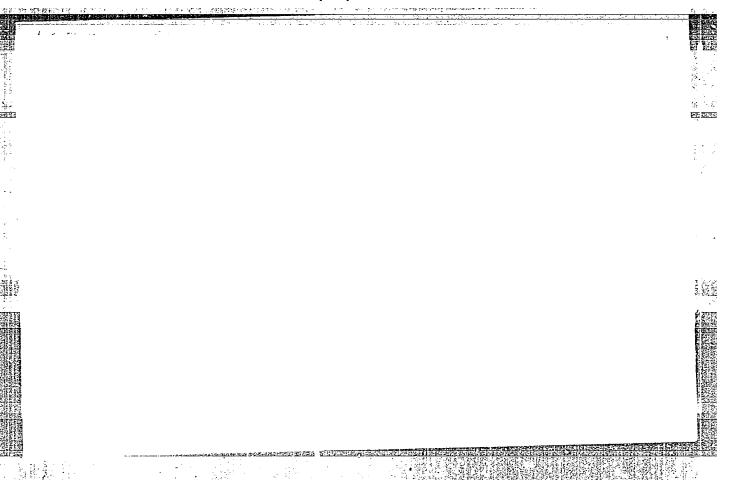
LYUBIMOV, K.A., kand.tekhn.nauk; YARMAK, M.I., inzh.

Economical communications and wire broadcasting cables. Vest. elektroprom. 33 no.9:10-13 S '62. (MIRA 15:10) (Electric cables) (Electric lines-Underground)

LYUBIMOV, K.A.; MAKHOV, Yu.V.; NAZAR'YEV, O.V.; YARMAK, M.I.; SHVARTSMAN, V.O., otv. red.; VOLODARSKAYA, V.Ie., red.; CHURAKOVA, V.A., tekhn. red.

[Telephone and wire broadcasting cables with polychlorovinyl and polyethylene insulation] Kabeli dlia sel'skoi telefonnoi sviazi i radiofikatsii s polikhlorvinilovoi i polietilenovoi izoliatsiei. Moskva, Sviaz'izdat, 1962. 42 (MIRA 16:5)

(Electric cables) (Polyethylene)



507/119-58-9-2/18 Perlovskiy, R. Sh., Yarmak, M. K., AUTRORS: Engineers je je ovyye magnitnyye Magnetic Gas Analyzers TITLES Burra and the Beng in Priborostroyeniye, 1958, Nr 9, pp. 3-7 (USSR) PERTODICAL: Two new types of magnetic gas analyzers were developed by ABSTRACT: the experimental design office for automation (CXBL); those types are the MCK -3 analyzer for the analysis of owners in a gas simunds coercluding nony components, and the MCK of type Ing coaching oxygen purity. . MCK-3 apparatus works on the principle according to the day spenion you (i.e., a gas having constant oxygen content) flowing through a magnetic field has a different flow resistance as compared with the gas to be analyzed. This resistance implies a pressure drop which is used for determining the oxygen content of the map to be analyzed. The predsure drop to a manual the acceptance to the conanemameter domiset. to an unbalanced bridge circuit. The gas cholber one a very appear any (2015) Gera 🦠 😘

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Magnetic Gas Analyzers

104/119-58-9-2/19

tween the pole pieces of a magnet so that a magnetic field intensity of about 40 000 to 50 000 days is reached inside the slot. In order to have the temperature exactly adjustable a thermostat is used which is equipped with a contact thermometer and an electronic relay. The gas analyver described will be mass-produced with measuring ranges of 0 - 5. 0 + 10, 0 - 21, 0 - 50 and 15 - 45 % 0. The

refer of measurement of the apparatus is supposed to be sealthen than 6 for the maximum reading for each range.

MGK the maximum is a thermomagnetic gas analyzer that makes are in the paramagnetic properties of oxygen in dependence on its temperature. A warm body, if places in an inhomogeneous magnetic field, may cause artificial convection. The apparatus counists of the absolute pressure governor of the RAD-1P type, the controlling rotation meter of the RR -1 type, the annular chamber of the gas analyzer, the pole pieces, and a needle valve. A thinwalled glass tube is introduced into the annular chamber having 2 platinum windings which may each be connected to a Wheatstone's (Weaston) bridge (as bridge arms).

Card 2/3

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120020-8

Magnetic Gas Analyzers

SOV/119-58-9-2/18

The conding of the magnetic gas analyzers does not depend on the oxygen percentage of the gas mixture but on the partial pressure of oxygen. The MGK -4 apparatus is to be manufactured for the following measuring ranges: 95 - 100, 90 - 100, 80 - 100, 50 - 100 and 20 - 80 502.

There are 4 figures.

Card 3/3

YARMAK, M.K.

AUTHORS:

Blazhennova, A.N., Engineer, Ikhlov, I.A.,

67-58-2-6/26

Engineer, Perlovskiy, R.Sh., Engineer, Yamak,

M.K., Engineer

TITLE:

The Automatic Oxygen Gas Analyzers ppg and MGK (Avtomaticheskiye

kislorodnyye gazoanalizatory DPG and Mak)

PERIODICAL:

Kislorod, 1958, // Nr 2, pp. 26-33 (USSR)

ABSTRACT:

This paper deals with the chemical, chemical-physical and physical methods of gas analysis which serve as a basis for the construction of apparatus. Preference is given to the chemical-physical method of depolarization and in the case of automatized plants, to the physical method, in which the paramagnetic properties of oxygen, by which it is distinguished from all other gases, is utilized. In the section: Magnetic methods of Oxygen analysis the ratio between the intensity of magnetization, volume or specific magnetic susceptibility and magnetic permeability is determined and duly expressed in the formulae. Furthermore, the theories are developed which serve as a basis for the elaboration of methods of gas analysis and on the strength of which suitable apparatus are built. The following methods are distinguished: 1.) Physical-, 2.) magnetomechanical-, 3.) thermomagnetic-, and 4.) magnetoelectrical methods. Preference is given

Card 1/2

The Automatic Oxygen Gas Analyzers MEK and DPG

67-58 -2-6/26

to the magnetomechanical (Ref 4-9) and to the thermomagnetic (Ref 10-17) methods. Among the latest types of Soviet gas analyzers the magnetic NGK-3 and the thermomagnetic NGK-2 and MGK-4 are mentioned. Only the two latter are, however, described as being in accordance with the field dealt with by this paper. In the section The Depolarization Method of Oxygen Analysis the latest Soviet automatic oxygen depolarization analyzer of the type DPG5 -52 is described. It was constructed on the basis of the principle of the depolarization of the electrodes polarized by the oxygen (in the course of cathode regeneration). It was designed by OKBA MKhD. The apparatus described is already being used in several industrial plants in the USSR. There are 5 figures, and 22 references, 9 of which are Soviet.

AVAILABLE:

Library of Congress

1. Oxygen-Analysis-Magnetics 2. Oxygen-Analysis-Polarization

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AUTHOR:

Yarmak, M. K., Engineer

4 figures.

sov/67-11-5-10/18

TITLE:

Automatic Oxygen-Gas Analyzers (Avtomaticheskiye

kislorodnyye gazoanalizatory)

PERIODIÇAL:

Kislorod, 1958, Vol 11, Nr 5, pp 55 - 56 (USSR)

ABSTRACT:

This is a report dealing with some foreign apparatuses which have brought considerable advancement in the field of oxygen analysis. The apparatuses under review are the thermomagnetic plant "Oximat" of the firm Siemens und Halske (Figure, general scheme and crosssection of the magnetic experiment chambers), the thermomagnetic plant of the firm Hartmann und Braun "Magnos 5" (Figure) (electrical and gasanalytical scheme), and a gas-analyzer of the firm Semak (Figure of the scheme). Two further models of mechanomagnetic gas analyzers of the firm Bekman are mentioned. All the apparatuses mentioned above are equipped with several different scale ranges of the \$\partial \mathcal{P}_2\$. There are

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YARMAK, M. Ye.

"Present-Day Automatic Magnetic Methods for the Analysis of Oxygen,"
Experimental Design Bureau, Ministry of Chemical Industry, Khimicheskaya Promyshlennost',
No. 2, Mar. 57, pp 95-102.

Abstract in SUM: 1391

YARMAK, M. KUZHETBOV, G., YARAMA II.

Farm Management

A textbook on ("Planned utilization of land." Reviewed by I. Kuvshinov, G. Katznetsov, N.Yarmak.) Sots. sel'.khoz. no. 3, 1952.

HOWTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, AUGUST 1952. UNCLASSIFIED.

YARMAK, Nikoley Iosifovich; SHEV'YEVA, M.Ye., red.; SUKHODOL'SKAYA, I.M., tekhn.red.; GOR'KOVA, Z.D., tekhn.red.

[Agriculture in the Korean People's Democratic Republic]

O sel'skom khoziaistve Koreiskoi Narodno-Demokraticheskoi

Respubliki. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 78 p.

(MIRA 13:1)

(Korea, North--Agriculture)

AUTHORS:

Zakharikov, N. A., Blokh, S. A., Sen', Z. P., SOY/72-58-9-9/20

Lesovoy, N. V., Yarmak, O. F.

TITLE:

Non-Recurrent Baking of Porcelain (Skorostnoy odnokratnyy

obzhig farfora)

PERIODICAL:

Steklo i keramika, 1958, ANr 9, pp 20 - 24 (USSR)

ABSTRACT:

This is an investigation of the influence of the rate of heating of the products upon their quality, if they are baked by a non-recurrent process without casing. The tests were carried out with porcelaine cups, sizes B-53 and "Kiyevskaya". The ingredients of the batch are given in table 1 and the results for the chemical analysis (in percent) are given in table 2. The molecular formula

for the batch is also presented. For increasing the

mechanical strength of the cemi-finished porcelaine product

0,3% of carboxy-methyl cellulose were added to the batch. 0,2% of fluid glass and 0,1% of soda were used in the preparation of the electrolyte. The porcelaine cups were cast in plaster molds so fashioned to give a

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wall strength of 1,5-2,5 mm. Moisture is driven off to

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a content of 1% under natural conditions. The ware is then glazed with a 0-45VZPA hand operated atomizer. The raw materials for the glaze are listed in table 1, their chemical analysis is detailed in table 2. The molecular formula of the glaze is also given. The glazed cups were dried to a humidity of 0,5% and then baked in the laboratory furnace (Fig 1). The maximum temperature in the furnace was 1320°. The cups were placed on the bottom of the furnace without a casing and were cooled according to a schedule specified by the diagram in figure 2. The heating and baking period at this temperature varied between 2-5 hours. Data concerning the baking conditions are presented in table 3. The degree of whiteness of the body was determined by means of a FM | photometer, whereas the water absorption and the heat resistance of the test products was checked according to GOST 7591-55. The best whiteness was obtained with combustion gases with a CO content of 3-4% (Fig 3). The rate of heating varied between 60 and 300° per hour. At this rate the quality of the products obtained is by no means inferior

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to that of the products from the Baranovka and Kiyev Works. Their water absorption does not exceed 0,39% . The specimens corresponded to the requirements imposed upon them in the checking of thermal and chemical resistivity. The glaze also exhibited a customary quality. Investigations of the microstructure of the body were carried out with a MP-3 microscope and X-ray structural analyses were made on the URS-70 instrument. In table 4 the structures of customary and of test products are portrayed, As can be seen they do not differ at all. Figures 4 to 8 contain micrographs of polished porcelaine sections made after different baking periods. They do not indicate any essential variations in structure. The duration of baking is therefore not determined by the physical and chemical transformations in the porcelaine but only by the heating facilities of the furnaces. The cooling process has hitherto not been the object of minute research. Preliminary experiments showed that a cooling of porcelaine cups from 1320° to 100° is possible within 8 - 10 minutes without impairing the quality of the product. The experiments showed that a non-recurrent burning without casing

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of porcelaine products in short automatic continuous car tunnel furnaces is possible. There are 8 figures and 4 tables.

ASSOCIATION:

Institut ispol'zovaniya gaza AN Ukrainskoy SSR (Institute of Gas Utilization AS Ukr SSR)

Nauchno-issledovatel'skaya laboratoriya Kiyevskogo sovnarkhoza (Scientific Research Institute of the Kiyev

Council of National Economy)

Card 4/4

CHICA PRESIDENTIAL PROPERTY.

SEN', Z.P., kand.tekhn.nauk; TEREKHOVSKIY, B.I. [Terekhovs'kyi, B.I.], inzh.; YARMAK, O.F., inzh.

Some data on the effect of water vapor on the porcelain body in firing. Leh.prom. no.1:79-83 Ja-Mr '62. (MIRA 15:9

1. Ukrainskiy nauchno-issledovatel'skiy institut steklyannoy

i farforo-fayansovoy promyshlennosti.

(Ukraine--Pottery)

SEN', Z.P.; SIVCHIKOVA, M.G.; LUCHKA, M.Kh.; BELYAKOVA, I.N.; YARMAK, O.F.; DAYN, F.L.

Possibility of lowering the temperature of porcelain firing and of its replacement in drying under high temperatures.

(MIRA 15:9)

Stek.i ker. 19 no.9:21-24 S '62.

(Porcelain)

YARMAK, O.F.

Studying the microstructure of glazes for tableware china dependent on the composition and temperature conditions of glazing. Leh. prom. no.1:77-83 Ja-Mr 63. (MIRA 16:4)

1. Ukrainskiy nauchno-issledovatel skiy institut stekol noy i far-foro-fayansovoy promyshlennosti.

YARMAK, O.F.: TRESVYATSKIY, S.G. [Tresviats'kyi, S.H.], doktor tekhm. nauk

Study of the mullitization process in the porcelain mass.

Leh. prom. no.2269-71 Ap-Je'64 (MIRA 17:7)